

Figure 1: System Hardware Components

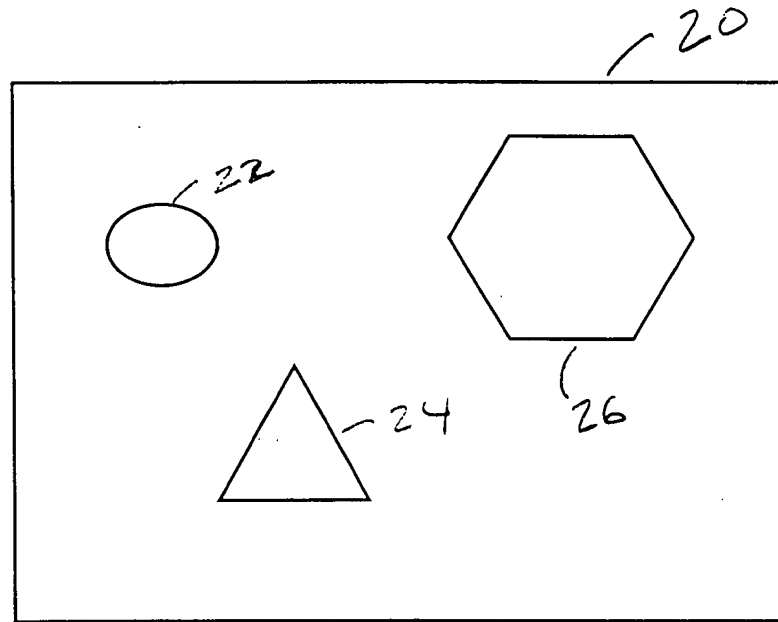


Figure 2: Schematic Image Prior to Cell Assignment

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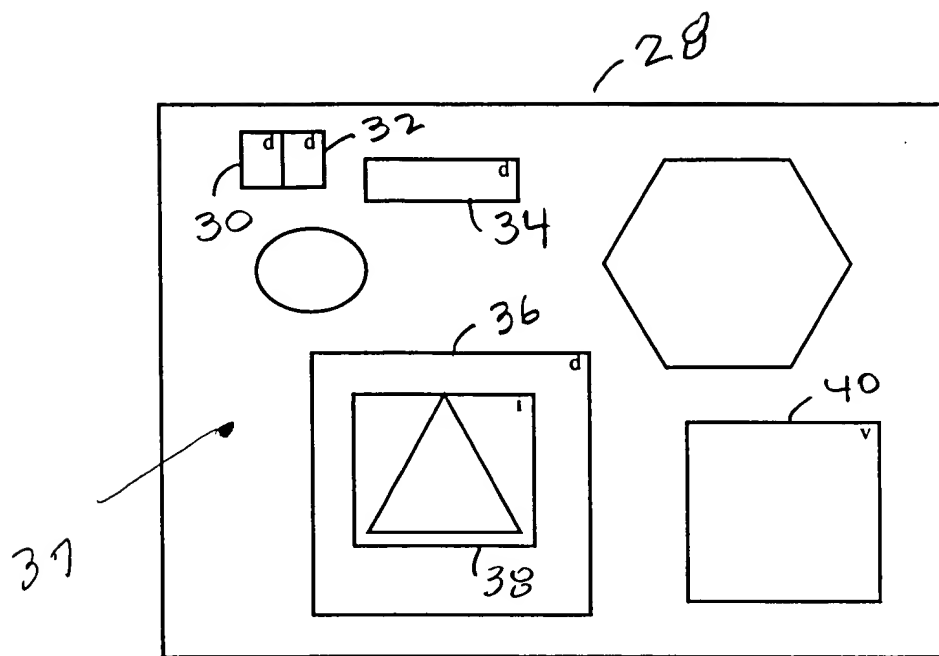


Figure 3: Schematic Image With Cell Assignment

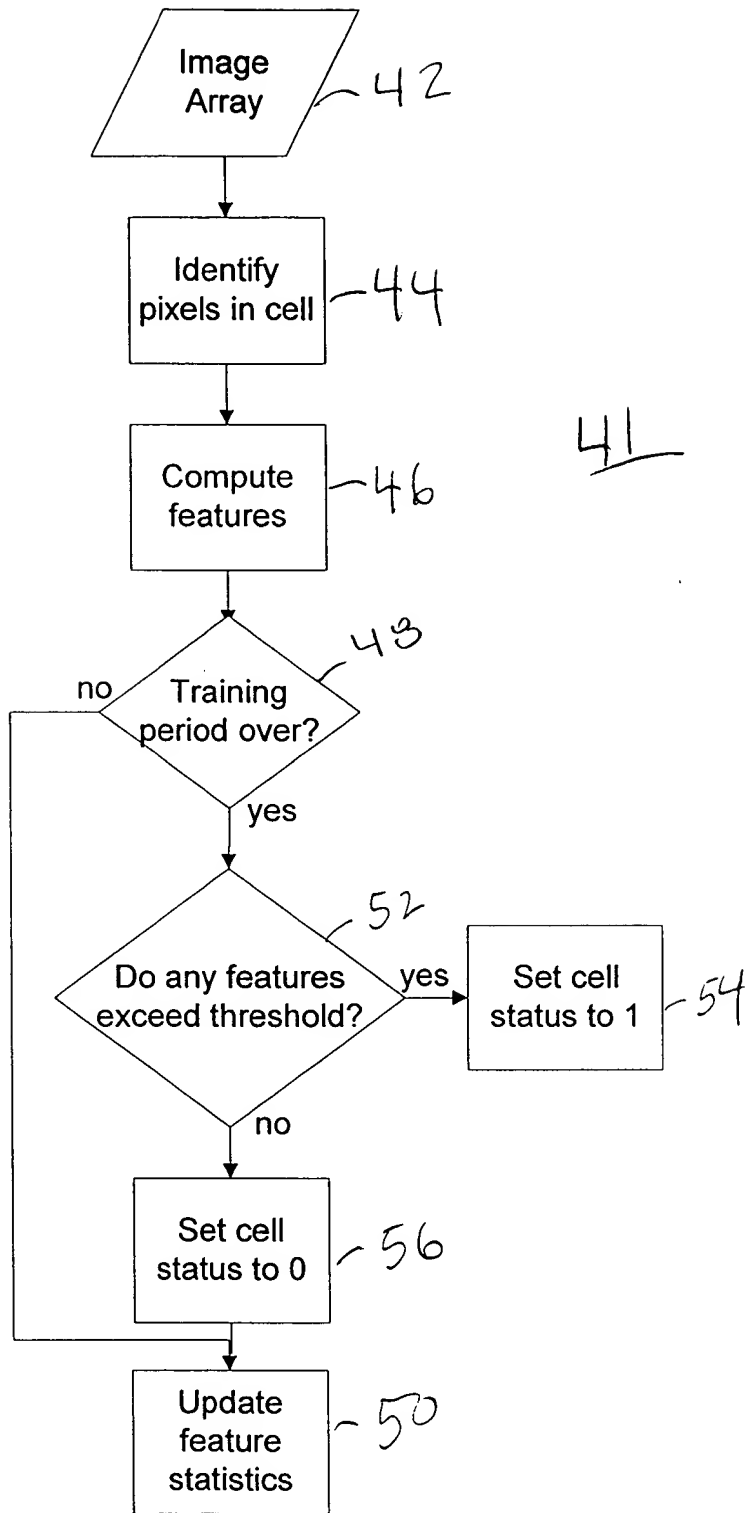


Figure 4: Cell Detection Logic

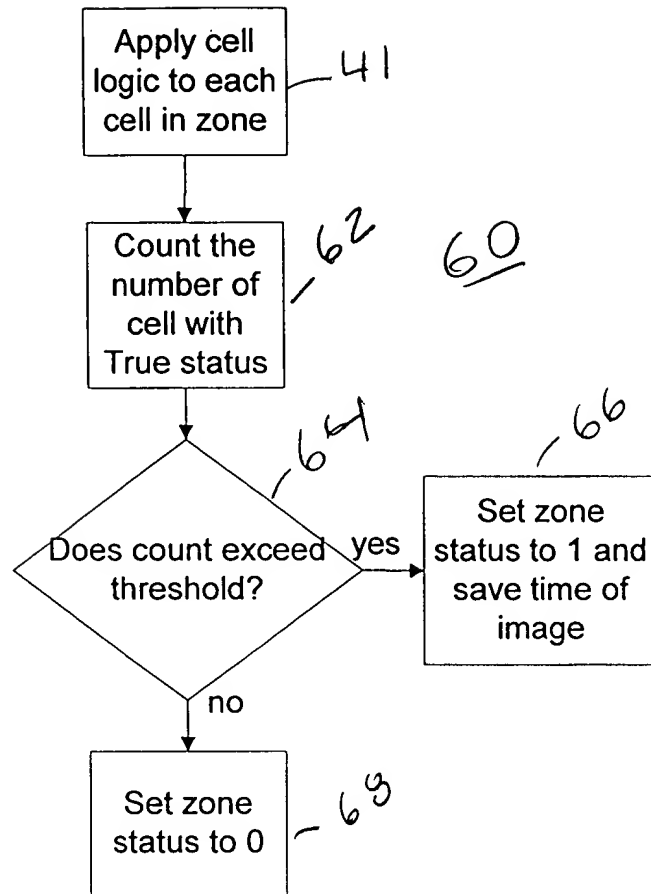


Figure 5: Zone Detection Logic

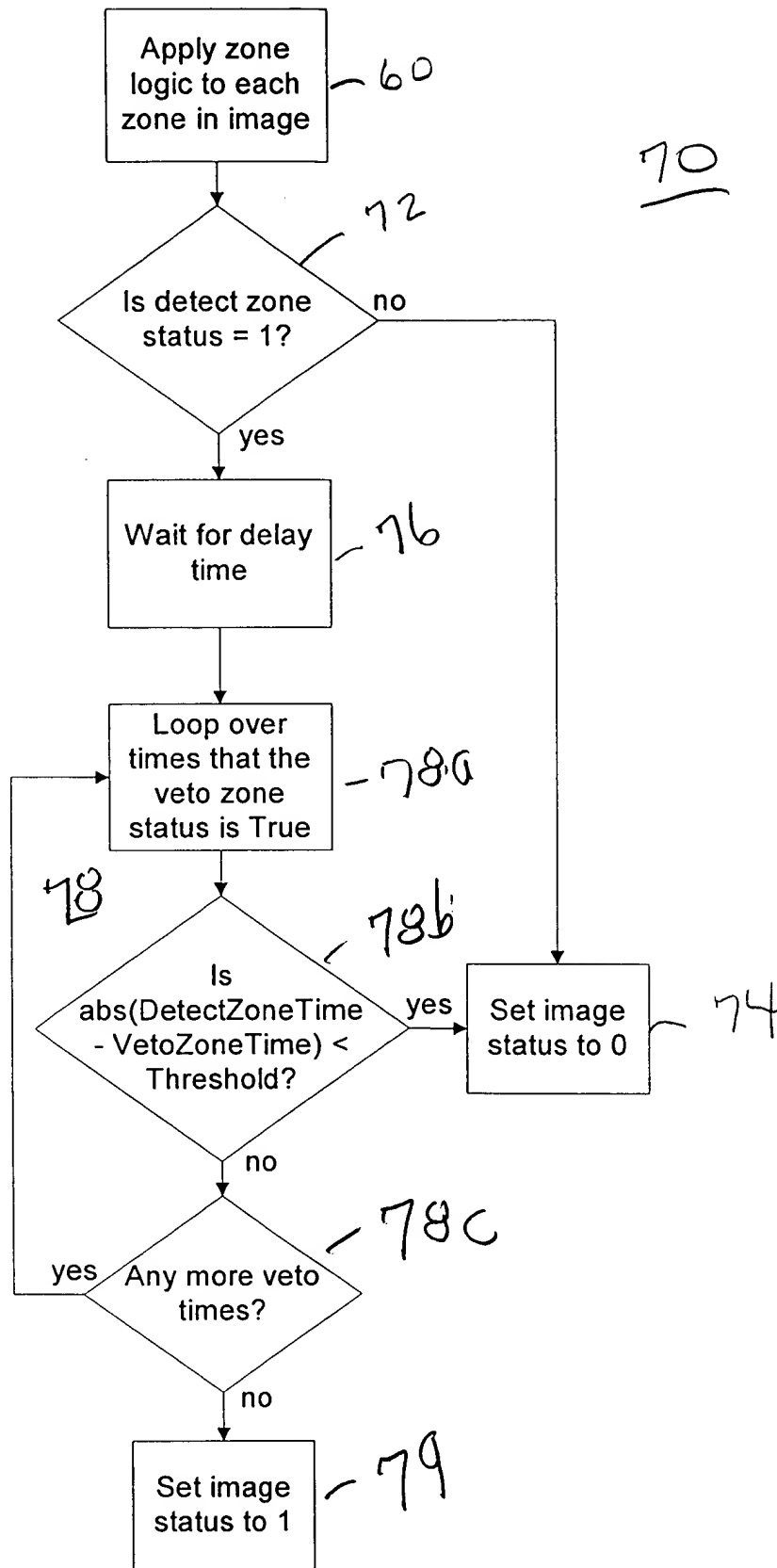


Figure 6: Image Detection Logic

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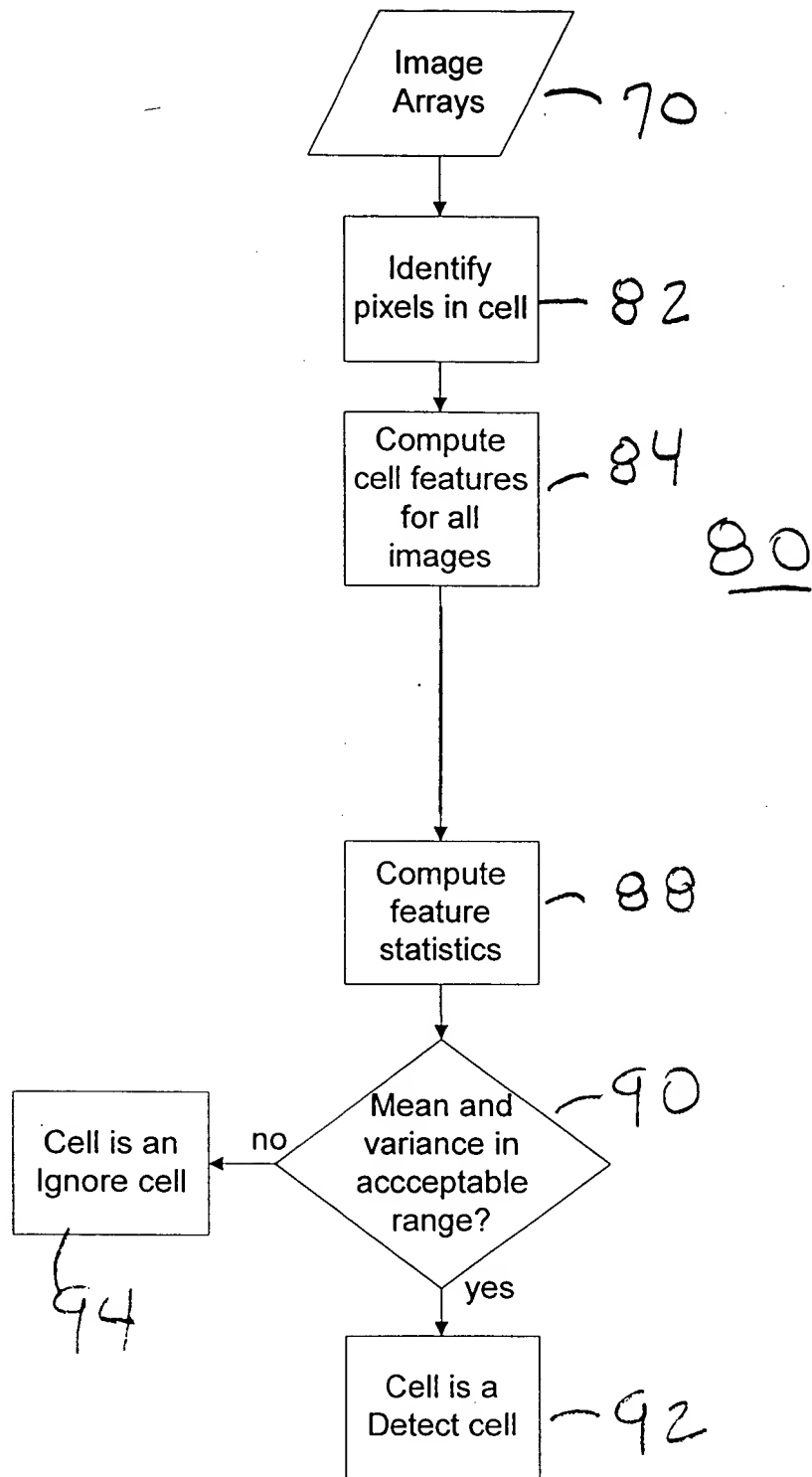


Figure 7: Logic for Setting a Cell to be an Ignore Cell

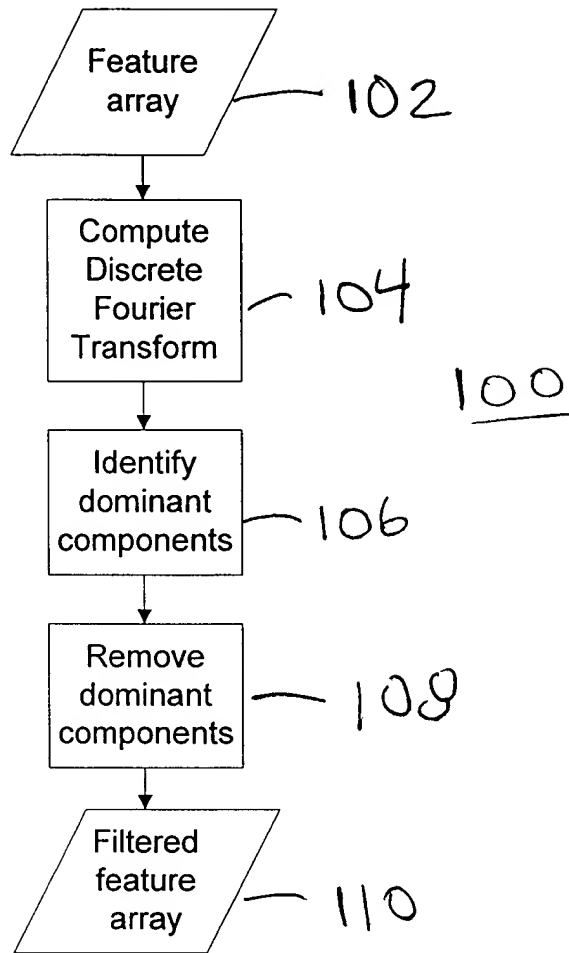


Figure 8: Algorithm for Filtering Dominant Periodic Components